

**PAT-NO:** JP02000272040A  
**DOCUMENT-IDENTIFIER:** JP 2000272040 A  
**TITLE:** HIGH STRENGTH FIBER  
REINFORCED COMPOSITE  
MATERIAL AND PRODUCTION  
THEREOF  
**PUBN-DATE:** October 3, 2000

**INVENTOR-INFORMATION:**

NAME	COUNTRY
IGASHIRA, KENICHIRO	N/A
NISHIO, KOJI	N/A
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**ASSIGNEE-INFORMATION:**

NAME	COUNTRY
KAWASAKI HEAVY IND LTD	N/A

**APPL-NO:** JP11085443  
**APPL-DATE:** March 29, 1999

**INT-CL (IPC):** B32B005/00 , C04B035/80 ,  
C08J005/04

**ABSTRACT:**

PROBLEM TO BE SOLVED: To produce a fiber reinforced composite material excellent in

strength characteristics and thermal characteristics in low production cost.

SOLUTION: A ceramic precursor polymer is bonded to the surfaces of the fibers 10 of a fiber fabric comprising fibers or fiber bundles high in heat resistance and the fiber fabric to which the ceramic precursor polymer is bonded is heat-treated to grow ceramic whiskers 14 on the surfaces of the fiber bundles or fibers in the fiber fabric at random and, subsequently, a matrix 18 is formed to the interior and surface of the fiber fabric.

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